

01/21/02  
J1057 U.S.P.T.O.

01-24-02 A

Please type a plus sign (+) inside this box →

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	06161 USA
First Inventor	Barry Gelernt
Title	Vapor Flow Controller
Express Mail Label No.	EL685721550US

### APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 14]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 3 ]
5. Oath or Declaration [ Total Pages 2 ]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 17 completed)*
    - i.  **DELETION OF INVENTOR(S)**  
*Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).*
6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

### ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  
*(when there is an assignee)*  Power of Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
16.  Other: .....

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a p

### DRESS

Customer Number or Bar Code Label



or  Correspondence address below

23543

Air Products and Chemicals, Inc.

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type) Geoffrey L. Chase Registration No. (Attorney/Agent) 28,059

Signature

Date Jan. 21, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

JCS72 U.S.P.T.O.  
10/05/010

01/21/02

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

740.00

## Complete If Known

Application Number	
Filing Date	
First Named Inventor	Barry Gelernt
Examiner Name	
Group Art Unit	
Attorney Docket No.	06161 USA

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number Deposit Account Name  Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17 Applicant claims small entity status.  
See 37 CFR 1.27

2.  Payment Enclosed:

 Check  Credit card  Money Order  Other

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	<input type="text"/>
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
139	130	139	130 Non-English specification	<input type="text"/>
147	2,520	147	2,520 For filing a request for ex parte reexamination	<input type="text"/>
112	920*	112	920* Requesting publication of SIR prior to Examiner action	<input type="text"/>
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	<input type="text"/>
115	110	215	55 Extension for reply within first month	<input type="text"/>
116	400	216	200 Extension for reply within second month	<input type="text"/>
117	920	217	460 Extension for reply within third month	<input type="text"/>
118	1,440	218	720 Extension for reply within fourth month	<input type="text"/>
128	1,960	228	980 Extension for reply within fifth month	<input type="text"/>
119	320	219	160 Notice of Appeal	<input type="text"/>
120	320	220	160 Filing a brief in support of an appeal	<input type="text"/>
121	280	221	140 Request for oral hearing	<input type="text"/>
138	1,510	138	1,510 Petition to institute a public use proceeding	<input type="text"/>
140	110	240	55 Petition to revive - unavoidable	<input type="text"/>
141	1,280	241	640 Petition to revive - unintentional	<input type="text"/>
142	1,280	242	640 Utility issue fee (or reissue)	<input type="text"/>
143	460	243	230 Design issue fee	<input type="text"/>
144	620	244	310 Plant issue fee	<input type="text"/>
122	130	122	130 Petitions to the Commissioner	<input type="text"/>
123	50	123	50 Processing fee under 37 CFR 1.17(q)	<input type="text"/>
126	180	128	180 Submission of Information Disclosure Stmt	<input type="text"/>
581	40	581	40 Recording each patent assignment per property (times number of properties)	<input type="text"/>
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>
179	740	279	370 Request for Continued Examination (RCE)	<input type="text"/>
169	900	169	900 Request for expedited examination of a design application	<input type="text"/>
Other fee (specify) _____				<input type="text"/>

SUBTOTAL (1) (\$)

740

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
18	-20** =	<input type="text"/> x 18 = <input type="text"/>	<input type="text"/>
2	- 3** =	<input type="text"/> x 84 = <input type="text"/>	<input type="text"/>
Multiple Dependent		<input type="text"/>	<input type="text"/>

## Large Entity Small Entity

Fee Code (\$)	Large Entity Fee (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203	9 Claims in excess of 20
102	84	202	42 Independent claims in excess of 3
104	280	204	140 Multiple dependent claim, if not paid
109	84	209	42 ** Reissue independent claims over original patent
110	18	210	9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

0

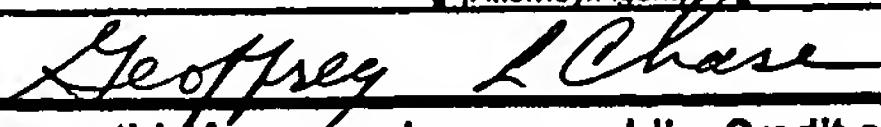
\*\*or number previously paid, if greater; For Reissues, see above

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

0

## SUBMITTED BY

Name (Print/Type)	Geoffrey L. Chase	Registration No. (Attorney/Agent)	28,059	Telephone	610-481-7265
Signature			Date	January 21, 2002	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.